

INTERNATIONAL SEARCH REPORT

national application No.
PCT/662005/000633**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,3-6,17,19-22,33-37

Adaptive overload control system and corresponding network access controller (AC) and network access point (AP) wherein the aggregate traffic offered by the APs to the AC is determined and, in case of overload, a constrain is derived from said aggregate traffic, said constrain is transmitted to the APs and each AP determines a local constrain.

2. claims: 2-6,17,19-22,33-37

Adaptive overload control system wherein the reject rate of the traffic offered by the APs to the AC is determined and, in case of overload, a constrain is derived from said reject rate, said constrain is transmitted to the APs and each AP determines a local constrain.

3. claims: 7-22,33-37

Adaptive overload control system and corresponding network access controller (AC) and network access point (AP) wherein in case of overload a global constrain is generated based on the traffic offered, said global constrain is transmitted to the APs and each AP determines a local constrain determining a gap interval imposed on the traffic offered.

4. claims: 23-32,38

Method for controlling the number of calls received by a media gateway controller.

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Inte onal Application No
PCT/GB2005/000633

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q3/00 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 024 637 A (SIEMENS INFORMATION AND COMMUNICATION NETWORKS INC) 2 August 2000 (2000-08-02) abstract column 1, line 40 - column 2, line 2 column 2, line 42 - column 3, line 16; figure 1 column 5, line 24 - column 6, line 52; figures 3,4 column 8, line 20 - line 40; figure 5	1-6, 17, 19-22, 33-37
Y	US 6 542 466 B1 (PASHTAN ARIEL ET AL) 1 April 2003 (2003-04-01) abstract column 2, line 42 - column 3, line 42; figure 3	1, 3-6, 17, 19-22, 33-37
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

12 September 2005

Date of mailing of the international search report

20. 09. 05

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Int onal Application No
PCT/GB2005/000633

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WHITEHEAD M J ET AL: "ADAPTIVE NETWORK OVERLOAD CONTROLS" BT TECHNOLOGY JOURNAL, BT LABORATORIES, GB, vol. 20, no. 3, July 2002 (2002-07), pages 31-54, XP001127502 ISSN: 1358-3948 abstract page 36, left-hand column, line 18 - page 37, left-hand column, line 22 page 38, right-hand column, line 8 - page 39, left-hand column, line 14 page 40, right-hand column, line 8 - page 41, left-hand column, line 39 page 42, left-hand column, line 28 - right-hand column, line 7 page 43, right-hand column, line 11 - line 37 page 44, right-hand column, line 49 - page 45, left-hand column, line 14; figure 7 page 19, left-hand column, line 1 - line 7</p>	2-38
Y	<p>US 6 259 776 B1 (HUNT ROWLAND GEOFFREY) 10 July 2001 (2001-07-10) cited in the application abstract column 2, line 16 - line 31 column 4, line 4 - line 23 column 9, line 37 - column 10, line 24</p>	7-38
A	<p>HAAS Z: "ADAPTIVE ADMISSION CONGESTION CONTROL" COMPUTER COMMUNICATION REVIEW, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, vol. 21, no. 5, 1 October 1991 (1991-10-01), pages 58-76, XP000240808 ISSN: 0146-4833 the whole document</p>	1-38
A	<p>EP 0 889 656 A (NORTEL NETWORKS CORPORATION; NORTEL NETWORKS LIMITED) 7 January 1999 (1999-01-07) abstract page 9, line 38 - page 10, line 12; figure 10</p>	1-38

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000633

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1024637	A	02-08-2000	US 6757277 B1	29-06-2004
			EP 1024637 A1	02-08-2000
			EP 1024638 A1	02-08-2000
			JP 2000224236 A	11-08-2000
US 6542466	B1	01-04-2003	EP 1183822 A1	06-03-2002
			JP 2003524937 T	19-08-2003
			WO 0072516 A1	30-11-2000
US 6259776	B1	10-07-2001	WO 9843451 A1	01-10-1998
			DE 69816053 D1	07-08-2003
			DE 69816053 T2	03-06-2004
			EP 0972414 A1	19-01-2000
			AU 6414198 A	20-10-1998
EP 0889656	A	07-01-1999	US 5970064 A	19-10-1999
			CA 2230424 A1	12-12-1998
			EP 0889656 A2	07-01-1999
			JP 11017704 A	22-01-1999